

FRONT-AXLE SPRING PIVOT SUSPENSION AND STEERING APPARATUS

A vehicle suspension has axle end portions each pivotally coupled to an
5 associated leaf spring and thereby to an associated supporting vehicle frame rail.
Control rods are pivotally coupled to the axle at locations below the leaf spring pivots.
Desirably, one of such control rods is pivoted to the axle at a location above the wheel
axis and the other of such control rods is pivotally coupled to the axle at a location
below the wheel axis. A steering mechanism for steering the steerable wheels of a
10 tandem axle includes first and second steering gears mounted to a common frame rail
and driven by a single mechanical coupling such as a T-miter box. These steering
gears may control respective steering gears at the opposite side of the vehicle.